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NO. 8421 P. 3

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PTO/SB/09A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application Number		10/716,899				
	Filing Date		November 18, 2003				
	First Named Inventor		Kazuhisa KIMURA				
	Group Art Unit		2853 <i>2861</i>				
	Examiner Name		MEIER, STEPHEN D. <i>S.H. Meier</i>				
Sheet	1	of	1	Attorney Docket Number		03685/LH	

## U.S. PATENT DOCUMENTS

Exam. Initials <sup>4</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
<i>mm</i>		4,829,318		RACICOT et al	05-09-1989	<i>mm</i>
<i>mm</i>		5,986,714	A	BURNET et al	03-23-1999	<i>mm</i>
<i>mm</i>		6,260,944	B1	MOCHIZUKI et al	07-17-2001	<i>mm</i>

## FOREIGN PATENT DOCUMENTS

Exam. Initials <sup>4</sup>	Cite No <sup>1</sup>	Office <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>5</sup>
<i>mm</i>		EP	0 513 833	A2	SEIKO EPSON CORP.	11-19-1992	<i>mm</i>	

Examiner Signature

*S.H. Meier*

Date Considered

*8-23-05*

<sup>4</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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				Filing Date	November 18, 2003
				First Named Inventor	Kazuhisa KIMURA
				Group Art Unit	2853 286
				Examiner Name	MEIER, STEPHEN D. <i>S. H. H.</i>
Sheet	1	of	1	Attorney Docket Number	03685/LH

## U.S. PATENT DOCUMENTS

Exam. Inits <sup>1</sup>	Cite No <sup>2</sup>	Document Number	Kind Code <sup>3</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
<i>IMA</i>	A	5,706,038	A	JACKSON	01-06-1998	<i>check</i>
<i>IMA</i>	B	6,637,855	B2	IDE et al	10-28-2003	<i>—</i>

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Exam Inits <sup>1</sup>	Cite No <sup>2</sup>	prcc <sup>4</sup>	Document Number <sup>4</sup>	Kind Code <sup>3</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>5</sup>
<i>IMA</i>	C	JP	4-70355	A	SUGAWARA et al	03-05-1992	<i>check</i>	x*
*English language Abstract only.								

Examiner Signature	<i>S. H. H.</i>	Date Considered	8-22-05
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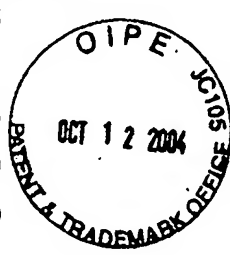
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		Group Art Unit		2853 <i>2861</i>	
		Examiner Name		<i>S. Hsieh</i>	
Sheet	1	of	1	Attorney Docket Number	03685/LH

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Exam. Inits <sup>*</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
<i>mm</i>	A	5,543,826		KURONUMA et al	08-06-1996	<i>Close</i>
	B	5,612,722		FRANCIS et al	03-18-1997	
	C	5,699,095		MITSUZAWA et al	12-16-1997	
	D	5,793,390		CLAFLIN et al	08-11-1998	
	E	5,805,180		EBISAWA et al	09-08-1998	
	F	5,953,025		SAKURAI, Yoshihiko	09-14-1999	
	G	6,120,126		NAKAHARA, Junji	09-19-2000	
	H	6,334,662		B2 HOLLANDS, Peter J.	01-01-2002	
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	J	2004/0100520		A1 KIMURA, Kazuhisa	05-27-2004	
	K	2004/0189735		A1 ISHII et al	09-30-2004	
	L	2004/0189741		A1 KIMURA et al	09-30-2004	
	M	2004/0189742		A1 KIMURA et al	09-30-2004	

## FOREIGN PATENT DOCUMENTS

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<i>mm</i>	N	EP	0 318 329	A2	CANON KABUSHIKI KAISHA	05-31-1989	—	
	O	EP	0 499 432	A2	CANON KABUSHIKI KAISHI	08-19-1992	—	
	P	EP	1 043 161	A2	SEIKO EPSON CORPORATION	10-11-2000	—	
	Q	JP	02-006142		CANON INC	01-10-1990	—	*
			*English Language Abstract only					

Examiner Signature

*S. Hsieh*

Date Considered

*8-23-05*

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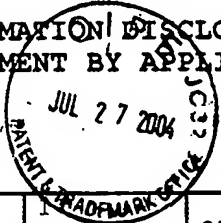
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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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		First Named Inventor	Kazuhisa KIMURA
		Group Art Unit	<del>2853</del> 2861
		Examiner Name	<del>MEIER, STEPHEN D</del> S. Huel
Sheet 1 of 1	Attorney Docket Number	03685/LH	

### U.S. PATENT DOCUMENTS

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
<i>mmv</i>	A	6,550,890	B2	SAIJO	04-22-2003	—
<i>mmv</i>	B	5,231,424	A	KANEKO et al.	07-27-1993	—
<i>mmv</i>	C	4,380,770		MARUYAMA	04-19-1983	—

### FOREIGN PATENT DOCUMENTS

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
<i>mmv</i>	D	JP	62-101448	A	CANON INC	05-11-1987	—	x*
*English language Abstract only.								

Examiner Signature	<i>S. Huel</i>	Date Considered	<i>8-23-05</i>
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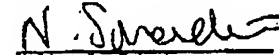
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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

CERTIFICATE OF FACSIMILE  
TRANSMISSION  
TO NO.703-872-9306

Applicant(s): Kazuhisa KIMURA  
Serial No. : 10/716,899  
Filed : November 18, 2003  
For : INK JET RECORDING  
MAINTENANCE APPARATUS  
AND INK JET RECORDING  
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TOTAL PAGES: 2  
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Nalini P. Sahadeo

Dated: May 24, 2004

Art Unit :  
Examiner : Not Yet Assigned

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

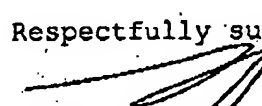
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Further to the Information Disclosure Statement (IDS) filed on  
May 19, 2004, attached hereto is a corrected copy of page 1 of the  
IDS identifying only one related application, namely Serial No.  
10/465,112. The form PTO/SB/08B filed with said IDS filed  
May 19, 2004, correctly lists only Serial No. 10/465,112 as a related  
application.

Respectfully submitted,

Dated: May 24, 2004

  
Leonard Holtz  
Reg. No. 22,974

Frishauf, Holtz, Goodman & Chick, P.C.  
767 THIRD AVENUE - 25TH FLOOR  
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FAX No. (212) 319-5101  
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PAGE 02/02

Attorney Docket No. 03685/LH

**OFFICIAL**

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicant(s): Kazuhisa KIMURA

Serial No. : 10/716,899

Filed : November 18, 2003

For : INK JET RECORDING  
MAINTENANCE APPARATUS  
AND INK JET RECORDING  
APPARATUS

Art Unit :

Examiner : Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Submitted herewith are copies of the documents identified on the attached Form PTO/SB/08A. Also submitted herewith are copies of related application Serial Nos. 10/395,950, 10/465,112, and 10/716,899 and a Form PTO/SB/08B listing the particulars thereof.

It is respectfully requested that the Examiner return initialed copies of the attached Forms PTO/SB/08A and PTO/SB/08B to confirm that the documents listed therein have all been considered and made of record.

Commercially available English language Abstracts are provided for each of the cited Japanese documents except for JP 3161050.

Respectfully submitted,

Dated: May 14, 2004

Leonard Holtz  
Reg. No. 22,974

Frishauf, Holtz, Goodman & Chick, P.C.  
767 THIRD AVENUE - 25TH FLOOR  
New York, New York 10017-2023  
Tel. No. (212) 319-4900  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number		10/716,899		
		Filing Date		November 18, 2003		
		First Named Inventor		Kazuhisa KIMURA		
		Group Art Unit		2861		
		Examiner Name		S. Hsieh		
Sheet	1	of	2	Attorney Docket Number		03685/LH

**U.S. PATENT DOCUMENTS**

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
↓		4,380,770		MARUYAMA	04-19-1983	↓
		5,126,765	A	NAKAMURA	06-30-1992	
		5,231,424	A	KANEKO et al.	07-27-1993	
		6,000,792	A	KOIZUMI et al.	12-14-1999	
		6,024,432	A	ARUGA et al.	02-15-2000	

**FOREIGN PATENT DOCUMENTS**

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↓		JP	05-201028	A	FUJI XEROX CO LTD	08-10-1993	↓	x*
		JP	06-071904	A	SEIKO EPSON CORP	03-15-1994		x*
		JP	10-119311	A	SEIKO EPSON CORP	05-12-1998		x*
		JP	2000-280494	A	COPYER CO LTD	10-10-2000		x*
		JP	3161050	B2		02-23-2001		
			*English language Abstract only.					

Examiner Signature	<i>S. Hsieh</i>	Date Considered	8-23-05
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				Group Art Unit			
				Examiner Name			
Sheet	2	of	2	Attorney Docket Number		03685/LH	
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published					T <sup>2</sup>
<i>mm</i>		Related U.S. Patent Application Serial No. 10/465,112, filed June 19, 2003; Inventor: Hideaki NISHIDA et al.; Title: INK JET HEAD CLEANING APPARATUS AND INK JET RECORDING APPARATUS. <i>pending</i>					
Examiner Signature	<i>S. Hsieh</i>			Date Considered	<i>8-23-05</i>		

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			Group Art Unit		2861	
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mm ↓		JP	02-179757	A	CANON, INC.	07-12-1990	Class 7 ↓	x
		JP	2001-260368	A	KONICA CORP.	09-25-2001		x
		JP	02-095862	A	CANON, INC.	04-06-1990		x
		JP	05-201014	A	CANON, INC.	08-10-1993		x
		JP	05-220970	A	FUJI XEROX CO LTD.	08-31-1993		x
		JP	06-135004	A	CANON INC.	05-17-1994		x
			x English language Abstract only.					

Examiner Signature	S. Hsieh	Date Considered	8-23-05
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				Examiner Name		S. H. Siler	
Sheet	2	of	2	Attorney Docket Number		03685/LH	
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published					T <sup>2</sup>
mmu		U.S. Patent Application Serial No. 10/395,960, filed: March 24, 2003; Inventors: Hidekazu ISHII et al; Title: INK JET CLEANING APPARATUS AND INK JET RECORDING APPARATUS. <b>ABANDONED</b>					
mmu		U.S. Patent Application Serial No. 10/396,307, filed: March 25, 2003; Inventors: Kazuhisa KIMURA et al; Title: AN INK JET RECORDING APPARATUS HAVING CLEANING MEANS FOR THE CLEANING OF THE NOZZLE SURFACE OF AN INK JET HEAD. <b>Pending</b>					
mmu		U.S. Patent Application Serial No. 10/403,091, filed April 11, 2003; Inventor: Kazuhisa KIMURA; Title: IMAGE RECORDING APPARATUS AND MAINTENANCE METHOD OF RECORDING HEAD OF THE SAME. <b>patented, part 6,811,244</b>					
Examiner Signature		S. H. Siler			Date Considered		8-23-05

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	Group Art Unit		2861		
	Examiner Name		S. Hsieh		
Sheet	1	of	2	Attorney Docket Number	03685/LH

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**FOREIGN PATENT DOCUMENTS**

Exam. Inits <sup>1</sup>	Cite No <sup>1</sup>	Offc <sup>1</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		JP	9-76517	A	NAKAHARA	03-25-1997	1	X*
		JP	2000-127417	A	MORIKOSHI	05-09-2000	1	X*
		JP	2000-177113	A	UCHIKATA	06-27-2000	1	X*
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		JP	2002-283590	A	SAIJO ET AL	10-03-2002	1	X*
			*English abstract attached.					

Examiner Signature	S. Hsieh	Date Considered	8-23-05
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Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		10/716,899	
				Filing Date		Herewith NOV. 18, 2003	
				First Named Inventor		KIMURA	
				Group Art Unit		2861	
				Examiner Name		S. Hsieh	
Sheet	2	of	2	Attorney Docket Number		03685/LH	
<b>OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published					T <sup>2</sup>
		Related application Serial No. 10/396,301; K. KIMURA et al; filed March 25, 2003; INK JET RECORDING APPARATUS HAVING MAINTENANCE MEANS FOR CLEANING AN INK JET RECORDING HEAD and Official Filing Receipt. <i>published, pat. #: 6,866,362</i>					
Examiner Signature		S. Hsieh			Date Considered		8-23-05

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